

***LineUp With Math™* Alignment to
Nevada Mathematics Content Standards
February 25, 2003 Edition**

Content Standard 1.0: Numbers, Number Sense, and Computation

To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will accurately calculate, use estimation techniques, number relationships, operation rules, and algorithms; they will determine the reasonableness of answers and the accuracy of solutions.

Application

Content Standard

1.6.2 Apply decimals, fractions, and percents to solve mathematical and practical problems.

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.

--Use percent relationships to resolve distance, rate, time conflicts in air traffic control.

Content Standard 3.0: Measurement

To solve problems, communicate, reason, and make connections within and beyond the field of mathematics, students will use appropriate tools and techniques of measurement to determine, estimate, record, and verify direct and indirect measurements.

Proportion and Ratio

Content Standard

3.6.5 Use ratios to describe and compare relationships between various objects.

***LineUp With Math™* Activities**

--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.

--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.